ABSTRACT OF DISCLOSURE

An oblique contact ball bearing 2 has a curvature radius of a raceway 21 of an outer ring 10 which is reduced toward a bottom 21A of the raceway 21 in a cross-section of the outer ring 10 cut in a plane containing a central axis of the outer ring 10. According to the oblique contact ball bearing 2, a distance $\Delta x1$ between the bottom 21A of the raceway 21 of the outer ring 10 and balls 12 can be made greater without increasing a contact angle θ of the ball 12 than the case where the curvature radius of the raceway 21 of the outer ring 10 is constant. Even if a temperature difference occurs between an inner ring and the outer ring, a clearance clogging can be avoided, and the balls are smoothly rotated to prevent early peeling.